

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	96	("6138040") or ("6223154") or ("6223154") or ("4525793") or ("5842139") or ("5907823") or ("6118882") or ("6304844") or ("7162276") or ("7366535") or ("20010036174") or ("20040209658") or ("20050078844") or ("20050239487") or ("20070070189") or ("20080268913") or ("6122531") or ("20040114772") or ("4912758") or ("5526408") or ("5459702") or ("5913178") or ("6011853") or ("6163609") or ("6163711") or ("6243594") or ("6449593") or ("6537200") or ("6542436") or ("6570500") or ("6892077") or ("6892081") or ("7509140") or ("20010027089") or ("20020001317") or ("20020071581") or ("20030008678") or ("20030090377") or ("20050181821") or ("4945570") or ("6192126") or ("6097971") or ("20090253418") or ("5185803") or ("5600709") or ("5632001") or ("5790632") or ("5930725") or ("5956681") or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/23 11:11

		("5960367")).PN.				
L2	0	(microphone same communication same first same sound same port same omnidirectional same microphone same second same port same positioned same processor same time same delay)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 11:31
L3	0	(microphone same communication same first same sound same port same omnidirectional same microphone same second same port same positioned same processor same time same delay).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 11:31
L4	0	(microphone same communication same sound same port same omnidirectional same microphone same second same port same positioned same processor same time same delay).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 11:31
L6	0	(microphone same omnidirectional same microphone same second same port same positioned same processor same time same delay).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 11:32
L9	296	second same omnidirectional same microphone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 11:34
L10	89	L9 and (("381"/\$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 11:34
L11	844	((("381"/92).ccls.)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 11:37
S1	49	((("6138040") or ("6223154") or ("6223154") or ("5600709") or ("5930725") or ("6122531") or ("20040114772") or ("4525793") or ("5842139") or ("5907823") or ("6118882") or ("6304844") or ("20010036174") or ("20040209658") or	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/01 16:30

		( "20050078844") or ("20050239487") or ("4912758") or ("5526408") or ("4945570") or ("20060116779") or ("5459702") or ("5913178") or ("6011853") or ("6163609") or ("6163711") or ("6243594") or ("6449593") or ("6537200") or ("6542436") or ("6570500") or ("6892077") or ("6892081") or ("20010027089") or ("20020001317") or ("20020071581") or ("20030008678") or ("20030090377") or ("20050181821") or ("5991646") or ("5588041") or ("5953674") or ("6002945") or ("6081724") or ("6192126") or ("6097971") or ("5185803") or ("5632001") or ("5790632") or ("5956681") or ("5960367"))).PN.				
S2	3	(( "5,303,307") or ("5,473,701") or ("5,506,908"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/03/01 16:30
S3	38	("4485484"   "4536887"   "4653102"   "4802227"   "4956867"   "5267320"). PN. OR ("5473701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 12:26
S4	0	(second adj omnidirectional adj microphone) same processor same (time adj delay) same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:29
S5	0	(second adj omnidirectional adj microphone) same processor same delay same subtract\$4 same null \$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:35

S6	0	(second adj omnidirectional adj microphone) same delay\$4 same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:30
S7	3	(second adj omnidirectional adj microphone) same delay\$4 same subtract\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:30
S8	0	(second adj omnidirectional adj microphone) and processor and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:34
S9	0	(second adj omnidirectional adj microphone) and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:34
S10	0	(second adj omnidirectional adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:30
S11	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:31
S12	62	(second adj microphone) and processor and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S13	0	(second adj microphone) same processor same delay same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:35
S14	1	(second adj microphone) same delay same subtract\$4 same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S15	1	(second adj microphone) same delay same null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 12:37
S16	25	S12 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 13:50
S17	1	("7146013").PN.	USPAT; USOCR	OR	OFF	2007/05/19 14:21
S18	1	"7146013"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 14:21

S19	14	("4658426"   "5208864"   "5303307"   "5402496"   "5442813"   "5471538"   "5473702"   "5675655"   "5754665"   "5796819"   "6061456"   "6430295"   "6760449"   "6999541"). PN. OR ("7146013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 14:21
S20	29	("4370523"   "4589137"   "4741038"   "4802227"   "4888807"   "5033082"   "5243661").PN. OR ("5471538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:03
S21	1	"7206418"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:03
S22	13	("20020009203"   "20020138254"   "20030233213"   "20040092297"   "5353376"   "5473684"   "5602962"   "5610991"   "5740256"   "5754665"   "6430295"   "6453285"   "6594367").PN. OR ("7206418").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:03
S23	19	("5610991").URPN.	USPAT	OR	ON	2007/05/19 15:07
S24	19	("4536887"   "4802227"   "5012519").PN. OR ("5602962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/19 15:12
S25	0	(second adj (omnidirectional or unidirectional or non- directional) adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:02
S26	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S27	617	((381/92).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S28	44149	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S29	122466	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/19 15:32
S30	24	S26 and S27 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03

S31	2	S26 and S29 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03
S32	60	S26 and S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/19 15:41
S33	0	(second adj (omnidirectional or unidirectional or non- directional) adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 09:23
S34	23	(second adj (omnidirectional or unidirectional or non- directional) adj microphone)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:02
S35	136	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:10
S36	0	S35 and S34 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:03
S37	122466	(( "455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:04
S38	0	S34 and S37 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:04
S39	0	S34 and (( "455"/\$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:18
S40	1923	(second adj microphone)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/21 17:16
S41	110250	(cellular or mobile) adj phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/05/23 16:11
S42	90	S40 and S41 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:22
S43	42	S40 and S41 and hous\$4 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:29
S44	1	"7190797"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/21 17:29

S45	11	("20020194005"   "20040052364"   "3946168"   "4420657"   "5504813"   "5715321"   "6016347"   "6490362"   "6644614"   "6768804"   "6819762").PN. OR ("7190797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 17:32
S46	1	("6812954").PN.	USPAT; USOCR	OR	OFF	2007/05/21 17:32
S47	4310	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/06 13:52
S48	1	delay same \$4speaker\$1 same (impulse adj response) same (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 16:59
S49	119	delay and \$4speaker\$1 and (impulse adj response) and (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:29
S50	4	S47 and S49 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/22 17:01
S51	119	delay\$4 and \$4speaker\$1 and (impulse adj response) and (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:35
S52	122571	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 12:01
S53	4	S51 and S52 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 12:01
S54	44163	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 12:01
S55	45	S51 and S54 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 12:01
S56	4310	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:48

S57	8	microphone same (time adj delay\$4) same distance same sound same (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:38
S58	38	microphone same (delay \$4) same distance same sound same (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:41
S59	3	S57 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:41
S60	0	S56 and S58 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:42
S61	3178	microphone and (delay\$4) and distance and sound and (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:10
S62	12	S56 and S61 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 15:49
S63	122571	((("455"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:49
S64	44163	((("381"/\$).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 15:49
S65	65	S63 and S61 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:09
S66	413	S64 and S61 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:12
S67	169	(second adj microphone \$1) and (delay\$4) and distance and sound and (formula or equation\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:45
S68	173814	(cellular or mobile) adj phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:11
S69	317185	(cellular or mobile) adj \$4phone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/23 16:11
S70	7	S64 and S67 and S69 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/23 16:12



S71	17740	second same omnidirectional same microphone\$1 same proces\$3 same dela\$3 (gain or amplifi\$3 or equali\$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:50
S72	7514	S71 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 13:51
S73	17735	(second adj omnidirectional adj microphone\$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali\$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:57
S74	7512	S73 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 13:53
S75	4584	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:52
S76	2483	((381/92 or 381/94.1 or 381/98 or 381/103).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:53
S77	308	((381/71.11-71.12).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 13:53
S78	68	S73 and S75 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 13:59
S79	17735	(second adj (omnidirectional or (omni adj directional)) adj microphone\$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali\$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 14:00
S80	17772	(second adj microphone \$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali\$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 14:01
S81	34	S79 and S76 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 14:01
S82	24	(second adj (omnidirectional or (omni adj directional)) adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 14:02

S83	231463	proces\$3 same dela\$3 (gain or amplifi\$3 or equali \$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 14:01
S84	3	S82 and S83 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/02/06 14:01
S85	184	(second adj microphone \$1) and S83 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/02/06 15:47
S86	2	("4672674").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/02/06 15:47
S87	44	("3995124"   "4066842"   "4334740").PN. OR ("4672674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/06 15:47
S88	9	("4802227"   "5193117"). PN. OR ("5506908").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 16:37
S89	2	("5797852").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/10 17:24
S90	39	("4129125"   "4862144"   "4956867"   "5385144"). PN. OR ("5797852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 17:25
S91	18436	second same omnidirectional same microphone\$1 same proces \$4 same dela\$4 (gain or amplifi\$4 or equali\$4) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:43
S92	4919	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:44
S93	69	S91 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:44
S94	0	second same omnidirectional same microphone\$1 same proces \$4 same dela\$4 same (gain or amplifi\$4 or equali \$4) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:47
S95	239	second same omnidirectional same microphone\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:47

S96	416763	proces\$4 same dela\$4 (gain or amplifi\$4 or equal \$4) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 14:48
S97	0	S94 and S95 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:48
S98	0	S96 and S95 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:48
S99	0	S95 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:49
S100	6	S95 and (("455"/\$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:49
S101	1521	double same talk\$3 same stat\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:54
S102	88	S95 and (("381"/\$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 14:59
S103	30413	second same microphone \$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/11/11 15:09
S104	103	S92 and S103 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 15:09
S105	1695	S96 and S103 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 15:10
S106	29	S96 and S103 and S92 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/11 15:11
S107	8	((("4185167") or ("5406634") or ("7194094") or ("20030107478")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/11/11 15:55
S108	1	"5684469".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/12 10:42
S109	1	"6026169".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2008/11/13 09:58
S110	204	(second adj microphone) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:16

S111	242	(second adj2 microphone \$1) and null\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/18 16:16
S112	101	S111 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/08/18 16:16
S113	62	S111 and delay\$3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2009/08/18 16:18
S114	63	S111 and delay\$3 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/08/18 16:18
S115	19	("4311874"   "4536887"   "4742548"   "4887300"). PN. OR ("5029215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:04
S116	2	("7146013").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/18 17:20
S117	14	("4658426"   "5208864"   "5303307"   "5402496"   "5442813"   "5471538"   "5473702"   "5675655"   "5754665"   "5796819"   "6061456"   "6430295"   "6760449"   "6999541"). PN. OR ("7146013").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:26
S118	31	((GLENN) near2 (WARNAKA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:31
S119	21	("5381473"   "5452361"   "5473684"   "5473702"). PN. OR ("5835608").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:33
S120	25	("4584702"   "4773091"   "4850016"   "5239578"   "5260998"   "5341420"   "5381473").PN. OR ("5473684").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/18 17:42
S121	18838	(second adj omnidirectional adj microphone\$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali \$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/18 17:47
S122	5299	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/18 17:47
S123	71	S121 and S122 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/08/18 17:47

S124	96	(("6138040") or ("6223154") or ("6223154") or ("5600709") or ("5930725") or ("6122531") or ("20040114772") or ("4525793") or ("5842139") or ("5907823") or ("6118882") or ("6304844") or ("7162276") or ("7366535") or ("20010036174") or ("20040209658") or ("20050078844") or ("20050239487") or ("20070070189") or ("20080268913") or ("4912758") or ("5526408") or ("4945570") or ("20060116779") or ("5459702") or ("5913178") or ("6011853") or ("6163609") or ("6163711") or ("6243594") or ("6449593") or ("6537200") or ("6542436") or ("6570500") or ("6892077") or ("6892081") or ("7509140") or ("20010027089") or ("20020001317") or ("20020071581") or ("20030008678") or ("20030090377") or ("20050181821") or ("5991646") or ("5588041") or ("5953674") or ("6002945") or ("6081724") or ("20080037741") or ("6192126")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 09:50
S125	3	("4185167").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 11:45

S126	2	("7194094").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/19 11:56
S127	104	(second adj microphone) and processor and delay\$4 and subtract\$4 and null\$4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2010/03/23 09:35
S128	26	S127 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 09:35
S129	2	("4672674").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/23 09:39
S130	49	("3995124"   "4066842"   "4334740").PN. OR ("4672674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/23 09:39
S131	5664	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 09:47
S132	178	delay and \$4speaker\$1 and (impulse adj response) and (second adj microphone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/23 09:47
S133	4	S131 and S132 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 09:47
S134	2957	((381/92 or 381/94.1 or 381/98 or 381/103).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 09:48
S135	19322	(second adj (omnidirectional or (omni adj directional)) adj microphone\$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali \$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 09:48
S136	35	S135 and S134 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 09:48
S137	147	(formula\$3 or equation41) and S134 and @ay<="2002"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/03/23 10:10
S138	19322	(second adj omnidirectional adj microphone\$1) same proces\$3 same dela\$3 (gain or amplifi\$3 or equali \$3) same null	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 10:37

S139	5664	((455/63.1 or 455/67.13 or 455/295-296 or 455/570). ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 10:37
S140	71	S138 and S139 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/03/23 10:37

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